



Performance Superiority
**Engineered Wooden Flooring
Over Bamboo Flooring**

ENGINEERED WOODEN FLOORING VS BAMBOO FLOORING



Bamboo Flooring

The Bamboo Flooring is technically a grass rather than real wood, that forms a unique grain pattern. This flooring basically is manufactured from the strands of grass sliced and shredded, then pressed back together with heat and glue to form floor planks that are more susceptible to warping and buckling from excessive moisture.

Pros:

- It's a sustainable resource.
- Safer option as bamboo is inhospitable to dust mites and repels dust and pollen.
- Easy to clean.

Cons:

- The adhesive used for flooring contain Formaldehyde, a toxic substance that can release small amounts of volatile organic chemicals (VOCs).
- Darker bamboo goes through a carbonization process, that weakens the material, making it softer and more prone to damage.
- Difficult to repair the dent & scratches.
- They have shorter life span as compared to Real Wood Floors.



Engineered Wooden Flooring

Mikasa Engineered Wooden Flooring is made up of Real Wood. Mikasa floors are Multi-layered Engineered Floors that provide stability. They consist of decorative hardwood species such as Oak, Walnut, Pinewood or HDF core. The top layer is coated with a UV cured lacquer system. They protect the floor by forming a surface that provides protection against the abrasion, dirt & micro-scratches. The bottom layer of the Pinewood provides further strength to the construction.


Pros:

- Has lots of variation in appearance.
- No VOCs.
- Real Wood Floors can last up to 30 years, but if maintained properly it can last for a lifetime.

Cons:

- Expensive.
- No Moisture & Water Resistance.

PERFORMANCE SUPERIORITY Engineered Wooden Flooring over Bamboo Flooring

Sr. No.	Characteristics	 (Manufactured By Greenlam)	Bamboo Flooring	Explanation
1	Product construction	Natural real wood	Bamboo layers	
2	Top surface	Solid wood	Grass	Bamboo is under the grass family it is not real wood.
3	Water resistance	✘	✘	
4	Moisture resistance	✘	✘✘	If the bamboo is not boiled and dried properly, the shrinkage can be severe and leave gaps in flooring.
5	Heat resistance	✓	✓	Both are heat resistant.
6	Refinishing of surface	✓✓	✓	Some bamboos can be refinished depending on the quality of the Bamboo Flooring products.
7	Easy maintainance of floor	✓	✓	Day to day maintenance is easy for both products.
8	Cupping/cracking at the edges	✘	✘✘	Easily cracking than EWF.
9	VOC (Formaldehyde) emission	Below 0.1 ppm based on European Norm E1 standard.	Moderate - High	Strand woven Bamboo Flooring uses more glue.
10	Room temp. neutrality	✓	✓	
11	Tender/comfort under foot (soft feel)	✓	✓	
12	Long product life	✓	✘	
13	Repairing of scratches on floor surface	✓	✘	
14	FSC certification	✓	✘	
15	PEFC certification	✓	✘	
16	Sound absorbtion	✓	✓	
17	Environmental friendliness	✓✓	✓	Bamboos are mainly available in tropical countries only whereas real wood is all over the world. Even though Bamboo grows faster, the carbon cost of shipping around the globe can be higher than Real Wood Floor due to limited availability in certain countries.
18	Resale value	✓✓	✓	
19	Abration resistance	>20,000 Revolutions	>20,000 Revolutions	
20	Chemical resistance	Class 5	Class 5	
21	Recyclable content	100%	100%	
22	Made in India	✓	✘	
23	Grading scale	Classic to features.	None	Bamboo Flooring has only one type of grain whereas Real Wood Floor has more characters.
24	Grain structure	Quarter, Crown, semi-crown, rift and figured.	Only 3 types -strand woven, vertical and horizontal.	
25	Lifespan	100 years	50 years	
26	Colours	Various options as Real Wood can be easily stained and treated to different apperance to match the interior design.	Bamboo are mainly carbonized to have a different colour than natural bright flat colour.	



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